

ABSTRACT OF THE DISCLOSURE

For a data transfer mode inside a printer, three types of modes of a mode via an auxiliary storage, a first bypass mode and a second bypass mode are provided. In the mode via an auxiliary storage, a communication task reaches an image generation task via a first buffer memory, a task for writing to a hard disk, HDD, a task for reading from HD and a second buffer memory. In the first bypass mode, data is transferred via the second buffer memory from the communication task without passing HDD. In the second bypass mode, data is transferred via the second buffer memory from the task for writing to HD without passing HDD.

Data transfer modes are switched based upon whether there is data remaining on a transfer path or not and others.

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